

(FILE 'HOME' ENTERED AT 13:02:59 ON 30 JUN 2003)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI,
BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA,
CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB,
DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 13:03:10 ON
30 JUN 2003

SEA LICORICE EXTRACT? AND ACID FREE?

1 FILE PROMT
5 FILE USPATFULL
1 FILE WPIDS
1 FILE WPINDEX

L1 QUE LICORICE EXTRACT? AND ACID FREE?

FILE 'PROMT, USPATFULL' ENTERED AT 13:07:14 ON 30 JUN 2003

L2 6 S L1
L3 6 DUP REM L2 (0 DUPLICATES REMOVED)

=> d l3 1-6

L3 ANSWER 1 OF 6 USPATFULL
AN 2002:108643 USPATFULL
TI Pomegranate extracts and methods of using thereof
IN Aviram, Michael, Kiriat-Haim, ISRAEL
Dornfeld, Leslie, Los Angeles, CA, United States
PA Stewart and Lynda Resnick Revocable Trust, Los Angeles, CA, United
States (U.S. corporation)
PI US 6387418 B1 20020514
AI US 1999-294307 19990419 (9)
DT Utility
FS GRANTED
LN.CNT 1757
INCL INCLM: 424/744.000
INCLS: 424/725.000; 514/824.000; 514/944.000; 514/969.000
NCL NCLM: 424/744.000
NCLS: 424/725.000; 514/824.000; 514/944.000; 514/969.000
IC [7]
ICM: A61K035-78
EXF 424/195.1; 424/451; 424/464; 424/439; 424/725; 424/744; 426/599;
514/824; 514/944; 514/969

L3 ANSWER 2 OF 6 USPATFULL
AN 2002:88034 USPATFULL
TI Pomegranate extracts and methods of using thereof
IN Aviram, Michael, Kiriat-Haim, ISRAEL
Dornfeld, Leslie, Los Angeles, CA, United States
PA Stewart and Lynda Resnick Revocable Trust, Los Angeles, CA, United
States (U.S. corporation)
PI US 6375993 B1 20020423
AI US 1999-399679 19990921 (9)
RLI Division of Ser. No. US 1999-294307, filed on 19 Apr 1999
DT Utility
FS GRANTED
LN.CNT 1718
INCL INCLM: 424/744.000
INCLS: 424/725.000; 514/824.000; 514/944.000; 514/969.000
NCL NCLM: 424/744.000
NCLS: 424/725.000; 514/824.000; 514/944.000; 514/969.000
IC [7]
ICM: A61K035-78
EXF 424/195.1; 424/725; 424/744; 514/824; 514/944; 514/969

PI US 3953423 19760427
 AI US 1973-422055 19731205 (5)
 PRAI DE 1972-2260214 19721208
 DT Utility
 FS Granted
 LN.CNT 376
 INCL INCLM: 260/210.000F
 INCLS: 424/180.000
 NCL NCLM: 536/008.000
 IC [2]
 ICM: C07G003-00
 ICS: C07H017-04; C08B037-00
 EXF 260/345.2; 260/210R; 260/210F
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 13 6

L3 ANSWER 6 OF 6 USPATFULL
 AN 76:23262 USPATFULL
 TI Preparation of a new flavanone derivative
 IN Hadhanyi, Andreas, Eschweiler-Bergrath, Germany, Federal Republic of
 PA H. Trommsdorff, Aachen, Germany, Federal Republic of (non-U.S.
 corporation)
 PI US 3953423 19760427
 AI US 1973-422055 19731205 (5)
 PRAI DE 1972-2260214 19721208
 DT Utility
 FS Granted
 LN.CNT 376
 INCL INCLM: 260/210.000F
 INCLS: 424/180.000
 NCL NCLM: 536/008.000
 IC [2]
 ICM: C07G003-00
 ICS: C07H017-04; C08B037-00
 EXF 260/345.2; 260/210R; 260/210F
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 13 6 kwic

L3 ANSWER 6 OF 6 USPATFULL
 SUMM The **licorice extract**, succus liquiritiae, was
 formerly widely recommended for ulcer-therapy. However, it became
 evident that the healing of ulcers was associated with. . .
 SUMM The material of the invention is prepared from a mixture obtained from
licorice extract, preferably from commercial extracts
 of succus liquiritiae or from commercial dyestuff-containing ammoniacal
 glycyrrhizine. To this end, an aqueous dispersion is. . .
 DETD After centrifugation, the precipitate is washed nearly **acid-**
free with water and dried, yielding 126 g of precipitate.
 DETD . . . water and additional 3 l of water are added. After the
 precipitate has settled, it is sucked off, washed as **acid-**
free as possible and dried.
 DETD . . . effect is accompanied by an increase in venous pressure and a
 substantial increase in blood pressure. Thus, individuals who take
licorice extracts are liable to suffer inter alia from
 heart asthma.

=> d clms 13 6

'CLMS' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid

in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):.

L3 ANSWER 6 OF 6 USPATFULL
AN 76:23262 USPATFULL
TI Preparation of a new flavanone derivative
IN Hadhanyi, Andreas, Eschweiler-Bergrath, Germany, Federal Republic of
PA H. Trommsdorff, Aachen, Germany, Federal Republic of (non-U.S. corporation)
PI US 3953423 19760427
AI US 1973-422055 19731205 (5)
PRAI DE 1972-2260214 19721208
DT Utility
FS Granted
LN.CNT 376
INCL INCLM: 260/210.000F
INCLS: 424/180.000
NCL NCLM: 536/008.000
IC [2]
ICM: C07G003-00
ICS: C07H017-04; C08B037-00
EXF 260/345.2; 260/210R; 260/210F
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 13 6 clms

'CLMS' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):.

L3 ANSWER 6 OF 6 USPATFULL
AN 76:23262 USPATFULL
TI Preparation of a new flavanone derivative
IN Hadhanyi, Andreas, Eschweiler-Bergrath, Germany, Federal Republic of
PA H. Trommsdorff, Aachen, Germany, Federal Republic of (non-U.S. corporation)
PI US 3953423 19760427
AI US 1973-422055 19731205 (5)
PRAI DE 1972-2260214 19721208
DT Utility
FS Granted
LN.CNT 376
INCL INCLM: 260/210.000F
INCLS: 424/180.000
NCL NCLM: 536/008.000
IC [2]
ICM: C07G003-00
ICS: C07H017-04; C08B037-00
EXF 260/345.2; 260/210R; 260/210F
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d hit 13 6

L3 ANSWER 6 OF 6 USPATFULL
SUMM The licorice extract, succus liquiritiae, was formerly widely recommended for ulcer-therapy. However, it became evident that the healing of ulcers was associated with water retention which led to the formation of oedema of the face and limbs, in

particular the knuckles. This was sometimes accompanied by dizziness and headache. These phenomena rapidly disappeared upon the discontinuance of the administration of the medicament.

- SUMM The material of the invention is prepared from a mixture obtained from **licorice extract**, preferably from commercial extracts of succus liquiritiae or from commercial dyestuff-containing ammoniacal glycyrrhizine. To this end, an aqueous dispersion is prepared from the starting material and is combined with ethyl urethane, thereby dissolving the undesired red dyestuff, a moderately acidic pH value is produced by adding water or diluted acid whereby glycyrrhizinic acid contaminated with yellow dyestuff precipitates, the supernatant solution containing the red dyestuff is discarded, the precipitate is dissolved in dilute alcoholic acid and is subjected to alcoholysis with simultaneous alkylation, the precipitated glycyrrhetic acid is discarded, the supernatant solution is boiled down and the so-obtained product is dried.
- DETD After centrifugation, the precipitate is washed nearly **acid-free** with water and dried, yielding 126 g of precipitate.
- DETD The precipitate is placed in a 10 l beaker with 2000 ml of water and additional 3 l of water are added. After the precipitate has settled, it is sucked off, washed as **acid-free** as possible and dried.
- DETD It is known, for example, that when administering succus liquiritiae and glycyrrhizinic acid water retention occurs and as a consequence thereof oedema are formed in the face and at the limbs, particularly the knuckles. In addition, the potassium level in the blood falls off upon administration of these substances which has a disadvantageous effect on the myocard and this effect is accompanied by an increase in venous pressure and a substantial increase in blood pressure. Thus, individuals who take **licorice extracts** are liable to suffer inter alia from heart asthma.

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L3 ANSWER 3 OF 6 USPATFULL
AN 2002:63561 USPATFULL
TI Pomegranate extracts and methods of using thereof
IN Aviram, Michael, Kiriat-Haim, ISRAEL
Dornfeld, Leslie, Los Angeles, CA, United States
PA Stewart and Lynda Resnick Revocable Trust, Los Angeles, CA, United States (U.S. corporation)
PI US 6361807 B1 20020326
AI US 1999-398655 19990921 (9)
RLI Division of Ser. No. US 1999-294307, filed on 19 Apr 1999
DT Utility
FS GRANTED
LN.CNT 1758
INCL INCLM: 424/744.000
INCLS: 424/725.000; 514/824.000; 514/944.000; 514/969.000
NCL NCLM: 424/744.000
NCLS: 424/725.000; 514/824.000; 514/944.000; 514/969.000
IC [7]
ICM: A61K035-78
EXF 424/195.1; 424/725; 424/744; 426/541; 426/599; 426/648; 514/824; 514/944; 514/969

L3 ANSWER 4 OF 6 PROMT COPYRIGHT 2003 Gale Group

ACCESSION NUMBER: 2001:834954 PROMT
TITLE: INGREDIENTS. (directory of food ingredient companies) (Directory)
SOURCE: Food Processing, (Oct 2001) Vol. 62, No. 10, pp. 35.
ISSN: 0015-6523.
PUBLISHER: Putman Publishing, Co.
DOCUMENT TYPE: Newsletter
LANGUAGE: English
WORD COUNT: 37077
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L3 ANSWER 5 OF 6 USPATFULL
AN 83:29186 USPATFULL
TI 18 .alpha.-Glycyrrhizinic acid and salt thereof
IN Miyashita, Akira, Yokohama, Japan
Okada, Kenzo, Tokyo, Japan
Kuramoto, Takashi, Onomichi, Japan
PA Maruzen Kasei Kabushiki Kaisha, Japan (non-U.S. corporation)
PI US 4393200 19830712
AI US 1981-222880 19810106 (6)
PRAI JP 1980-580 19800109
JP 1980-24023 19800229
DT Utility
FS Granted
LN.CNT 596
INCL INCLM: 536/018.100
INCLS: 424/180.000; 426/658.000
NCL NCLM: 536/018.100
NCLS: 426/658.000
IC [3]
ICM: C07H015-20
EXF 536/4; 536/18.1; 424/180
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 6 OF 6 USPATFULL
AN 76:23262 USPATFULL
TI Preparation of a new flavanone derivative
IN Hadhany, Andreas, Eschweiler-Bergrath, Germany, Federal Republic of
PA H. Trommsdorff, Aachen, Germany, Federal Republic of (non-U.S. corporation)